

Safety Rules and Regulations!!

In General:

- 1. Always always listen to you teacher. Never change a procedure without your teacher's permission. Believe it or not, she knows what she is doing.**
- 2. Make sure you know the procedure for the lab before starting the experiment.**
- 3. Make sure you know how to use your lab equipment properly before you start an experiment**
- 4. Always use appropriate safety equipment when needed. Tell you teacher if you are wearing contact lenses. If you get chemicals underneath your contacts the combination can be hazardous to your eye sight.**
- 5. Do no wear loose clothing, hats, sandals, or open-toed shoes in the lab. This does include JACKETS! Also all long hair must be tied up with a hair elastic.**
- 6. Do not eat, drink, or chew gum in the lab.**
- 7. Never ever, push, shove, trip, or horse around in the lab. If this happens you will lose your lab privileges and you will be given alternative assignments when we are doing labs.**
- 8. Know the locations of all of the emergency equipment (fire extinguisher, showers, eye wash, fire blanket)**

Glassware:

- 9. Never use broken or chipped glassware.**
- 10. Always tell the teacher when a glass breaks in the lab. She will clean it up and dispose of it in the broken glass container. DO NOT clean it up yourself.**

Chemicals:

- 11. Know the safety precautions with chemicals that will be handled in each lab.**
- 12. If you get chemicals in your eyes. Yell out for help and get a partner to lead you to the eyewash. You will rinse your eyes out for 10 minutes. If you need help holding your head above the eyewash, someone will aid you.**
- 13. When pouring liquids, hold the containers away from your face.**
- 14. When you are in the lab, never put anything in your mouth such as fingers, equipment, hair, pencils, or chemicals.**
- 15. Never return any chemical to its original container after use. Students will be given instructions as to how to dispose of chemicals used in each experiment. The sink or**

wastebasket is never used unless instructed. Most of the chemicals are harmless to the environment, but some can be toxic.

16. If there is a chemical spill in the lab please let your teacher know and she will instruct you on what to do. There is a chemical spill kit in the lab, incase it is needed.
17. If you are asked to smell a substance, do not just stick your nose in it. Wave the fumes towards your face with one hand.

Hot Plates and Open Flames

18. Handle hot objects carefully. If you come upon a piece of equipment which heats object, use caution when handling because it could be hot.
19. Know how to light and operate a Bunsen burner.
20. Never leave an open flame unattended even for a moment. Assign someone to watch it, or turn it off.

Electrical Equipment:

21. Make sure your hands are dry when using electrical cords, plugs, or sockets.
22. Pull at the plug and not at the cord, when unplugging equipment
23. Report frayed cords and any other damaged equipment to the teacher.

Emergency Situations:

24. Fire:

Back out of harms way and evaluate the situation. Is the fire small enough for an extinguisher? Small fire extinguishers will last about 10 seconds. They must be within 4-5 m (12-15 ft) for the spray to be effective. Therefore, don't waste the extinguisher contents with practice sprays or by spraying to far away. Most of the time, the teacher will be the only one using the fire extinguisher. Turn off the gas immediately. Notify the teacher and other students with a shout.

25. Controlled fire:

If the fire is controlled, in the sense that it is in a beaker, test tube or flask, placing a watch glass or inverted beaker over the top of the container and smothering the fire can often put out the fire. Be careful not to spill the contents. If you are not sure what to do, call for help. **DO NOT PANIC.** Even if **NOTHING** is done, the fire will normally burn itself out.

26. Uncontrolled fire:

If the fire is not minor and likely to spread, everyone must be evacuated immediately except those using a fire extinguisher. If possible, turn off the main gas line, pull the fire alarm and evacuate the building. The last person out of the room should close the door.

Above all use your common sense within the lab. If you don't think you should be doing something, you probably shouldn't be. Remember to ask if you have any questions and enjoy labs in science!

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